

# Release B CDR RID Report

Date Last Modified 7/1/96

Originator Smith, Janice

Phone No 301-286-4800

Organization NASA GFSC, Code 505

E Mail Address janice.smith@gsfc.nasa.gov

Document RELEASE B CDR

RID ID	CDR	89
Review	RELEASE B	
Originator Ref	CDR	JKS01
Priority	2	

Section Road to AM-1 /

Page RK/DO-39 and 40

Figure Table NA

Category Name Release A to B Transition

Actionee ECS

Sub Category

Subject ECS Schedule Incompatibility with EGS Test Schedule

## Description of Problem or Suggestion:

The Road to AM-1/Landsat-7 presentation indicates a revised phasing of at-launch hardware. This revised schedule calls for final hardware delivery to be completed 3 months prior to the AM-1 launch. The EOS Ground System (EGS) test schedules, which have been in place and baselined for approximately a year, call for the EGS I&T and EGS certification for AM-1 and Landsat 7 to be completed by March 1998. This EGS schedule accommodates the L-3 month system freeze date and the readiness to support the AM-1 ORR and FRR milestones. There is obviously a disconnect between the ECS development contractor schedule and the EGS test schedule.

## Originator's Recommendation

Re-evaluate the revised ECS schedule in concert with the baselined EGS schedules, including the AM-1 mission integration schedule. The ECS schedule cannot be unilaterally defined or changed without assessing the impact to the EGS integration, test and mission certification activities since the ECS is part of the EGS.

GSFC Response by:

GSFC Response Date

HAIS Response by: M. Armstrong

HAIS Schedule

HAIS R. E. M. Armstrong

HAIS Response Date 6/17/96

As recommended by the RID originator, ECS has re-evaluated its hardware procurement and installation schedule in light of the baseline schedules, and has met with ESDIS to coordinate revisions that will satisfy both EGS and ECS schedule requirements. The following approach and schedule was briefed by ECS and found acceptable by ESDIS in the meeting held on May 28, 1996:

- Initial Release B Buy
  - installed by 4/97 at all DAACs
  - at large DAACs, provides all infrastructure, plus minimum integration and test suite in DPS and DRP - one fully configured item of each hardware type (computer, silo, etc.)
  - at small DAACs, provides full installation
  - performance verified by benchmarks and analysis
- Second Release B buy
  - Issue AM-1 "Final" P.O.s for at-launch capacity and TRMM launch + 1 capacity by 30 Sep '97
  - DAAC installations start 12/1/97, and are completed at GSFC, LaRC and EDC by 1/31/98. Upgrades, if needed at other sites, completed by 2/28/98.
  - provides full "at launch" processing capability
  - DPS capacity for first time processing
  - DSS capacity for first time processing and "1X" user pull

This schedule enables ECS to analyse the results of AM-1 instrument teams' "engineering version" software testing, which completes in 7/97, in order to better understand algorithm processing requirements prior to hardware purchase. ECS is coordinating the insertion of corresponding milestones for the second Release B buy to the revised Intermediate Logic Network (ILN) and Master Schedule.

Status Closed

Date Closed 7/1/96

Sponsor Marinelli

\*\*\*\*\* Attachment if any \*\*\*\*\*

# Release B CDR RID Report

---